

Date: October 27, 1998

Express Mail Label No. EM432436994US

10/27/98  
**STANT COMMISSIONER FOR PATENTS**  
 Washington, D.C. 20231

Bear Sir:  
 PTO

Transmitted herewith for filing is the patent application of

Inventor(s): **Yasuo Yoshioka and Xavier Serra**

For: **CONVERTING APPARATUS OF VOICE SIGNAL BY MODULATION OF FREQUENCIES AND AMPLITUDES OF SINUSOIDAL WAVE COMPONENTS**

Enclosed are:

- 6 Sheet(s) of drawings (    informal)
- An assignment of the invention to Yamaha Corporation.
- An associate power of attorney.
- A verified statement to establish small entity status under 37 CFR 1.9 and 1.27.
- Declaration and Power of Attorney.
- Certified copy of Japan Patent Application No. 9-296050 filed October 28, 1997 from which priority is claimed under 35 USC §119.
- IDS enclosed. 1 with references.
- Preliminary Amendment

CALCULATION OF FEES

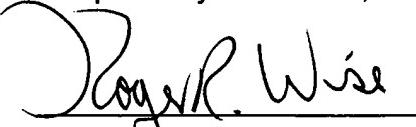
| ITEM |  | NO. OF CLAIMS FILED<br>MINUS BASE* | NO. OF CLAIMS<br>OVER BASE | X SM/LG<br>ENTITY<br>FEE | \$ AMOUNT           | \$ FEE |
|------|--|------------------------------------|----------------------------|--------------------------|---------------------|--------|
| A    | TOTAL CLAIMS FEE   | 27                                 | - 20* =                    | 7                        | X \$11 or<br>X \$22 | \$154  |
| B    | INDEPENDENT CLAIMS<br>FEE**  | 6                                  | - 3* =                     | 3                        | X \$41 or<br>X 82   | \$246  |
| C    | SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B) |                                    |                            |                          |                     |        |
| D    | MULTIPLE-DEPENDENT CLAIMS FEE                                      |                                    |                            |                          |                     |        |
| E    | BASIC FEE*   |                                    |                            |                          |                     |        |
| F    | TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)                |                                    |                            |                          |                     |        |
| F    | ASSIGNMENT RECORDING FEE   |                                    |                            |                          |                     |        |

\*\*LIST INDEPENDENT CLAIMS

- |   |         |   |
|---|---------|---|
| Please charge my Deposit Account No.<br>16-1805 the amount of | \$0     | <b>A copy of this letter is<br/>enclosed.</b>       |
| <input checked="" type="checkbox"/> A check in the amount of  | \$1,190 | to cover the filing fee is<br>enclosed.             |
| <input checked="" type="checkbox"/> A check in the amount of  | \$40    | to cover Assignment<br>Recordation fee is enclosed. |

- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 16-1805.
- Any additional filing fees required under 37 CFR 1.16.
- Any patent application processing fees under 37 CFR 1.17.
- The Commissioner is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 16-1805.
- Any patent application processing fees under 37 CFR 1.17.
- The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).
- Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Respectfully submitted,



Roger R. Wise  
Reg. No. 31,204

Date: October 27, 1998

PILLSBURY MADISON & SUTRO LLP  
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Los Angeles, CA 90017-5443  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:  
Yasuo Yoshioka, et al. ) Art Unit: Unknown  
Serial No: Unknown ) Examiner: Unknown  
Filed: October 27, 1998 )  
For: CONVERTING APPARATUS OF VOICE )  
SIGNAL BY MODULATION OF )  
FREQUENCIES AND AMPLITUDES OF )  
SINUSOIDAL WAVE COMPONENTS )  
)

CERTIFICATE OF MAILING VIA U.S. EXPRESS MAIL

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Date of Deposit: October 27, 1998

Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

I hereby certify that

- Letter of transmittal  
 check in amount of \$1190 as filing fee  
 patent application (33 pages of specification; 27 claims; 1 pages of abstract  
 6 sheet(s) of formal drawings  
 executed Declaration and Power of Attorney  
 executed Assignment, with Recordation Cover Letter and check in amount of \$40  
 1 certified copy(ies) of Japan patent application(s) from which priority is claimed in the subject case pursuant to 35 USC § 119  
 Information Disclosure Statement with 1 references  
 return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 CFR 1.10 on the date indicated above and are addressed to:

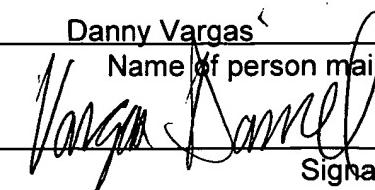
Box Patent Application  
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Washington, D.C. 20231.

October 27, 1998

Date of Deposit

Danny Vargas

Name of person mailing papers

  
Danny Vargas  
Signature

U.S. Express Mail Label No. EM432436994US

PATENT

51270-245583

jc525 U.S. PT  
09/181021  
10/27/98

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: ) Art Unit: Unknown  
Yasuo Yoshioka, et al. ) Examiner: Unknown  
Serial No: Unknown )  
Filed: October 27, 1998 )  
For: CONVERTING APPARATUS OF VOICE )  
SIGNAL BY MODULATION OF )  
FREQUENCIES AND AMPLITUDES OF )  
SINUSOIDAL WAVE COMPONENTS )  
)

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**

Asst. Commissioner for Patents  
Washington, D.C. 20213

Dear Sirs:

1. The information disclosure statement submitted herewith is being filed concurrently with the subject application [37 C.F.R. §1.97(b)] and contains no items of information cited in any communication from a foreign patent office in a counterpart foreign application [37 C.F.R. §1.97(e)(1)].
2. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 16-1805. A copy of this petition is enclosed.

Respectfully submitted,

PILLSBURY MADISON & SUTRO LLP

Date: October 27, 1998

By: Roger R. Wise  
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